

# Converting Colors

Decimal(10006013)

Have a look what the booklet for  
Decimal(10006013) contains.

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# **Color**

**Decimal(10006013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98ADFD
RGB	152, 173, 253
RGB Percent	60%, 68%, 99%
CMY	0.4039, 0.3216, 0.0078
CMYK	0.40, 0.32, 0.00, 0.01
HSL	228°, 96%, 79%
HSV	228°, 40%, 99%
XYZ	45.6221, 43.6544, 98.9501
YIQ	175.8410, -38.1960, 20.4280

# Conversions

## Conversions Part 2

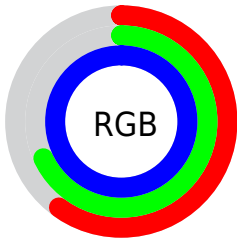
Format	Color
R <sub>YB</sub>	152, 169, 253
Decimal	10006013
CIE Lab	72.00, 12.19, -42.00
CIE LCh	72, 43.737, 286.181
Yxy	43.6544, 0.2424, 0.2319
Android (android.graphics.Color)	4288196093 (0xFF98ADFD)
YUV	175.8410, 38.0394, -20.9086
Hunter-Lab	66.0715, 7.6285, -42.5440

# Details

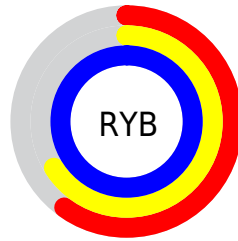
The Decimal color **10006013** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **16640152**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **13755647**, and **6322628** is the 20% darker color. If you saturate the color by 10%, you get **8362493**, and if you desaturate by 10%, it is **11649533**.

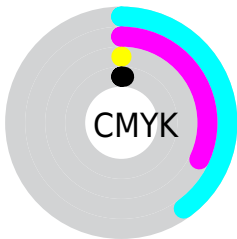
# Distribution



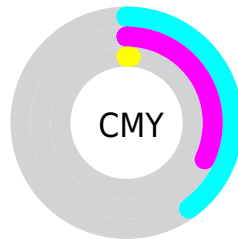
- Red (60%)
- Green (68%)
- Blue (99%)



- Red (60%)
- Yellow (66%)
- Blue (99%)



- Cyan (40%)
- Magenta (32%)
- Yellow (0%)
- Black (1%)



- Cyan (40%)
- Magenta (32%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10006013 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 10006013 by changing the saturation by 10% instead.



 10006013

 10006013

16777215

 8164320

 13755647

 6322628

 15728639

 4481192

 2443662

 13172

 7771

 1347

 812

 278

■ 10006013

■ 10006013

■ 8362493

■ 11649533

■ 6653437

■ 13358589

■ 5009917

■ 15002109

■ 3366397

■ 16645629

■ 1657341

16777213

■ 13821

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4897533



10006013



13672168

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10006013



16030329



5293212

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



10006013



16640152

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8896376



10006013



14329955

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



10006013



16683420



11842914



50629

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



10006013



15308498



11842914



6603663



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



10006013



14739455



10026471



7238016



0



8421504



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



10006013



8756991



11901181



7566720



10431



3392



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



16619693



16745886



14744984



8418165



12517416



4194317



# Previews

## White Background



This preview shows how the Decimal color 10006013 looks on a white background.

## Color Contrast Check

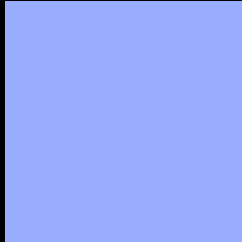
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 10006013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

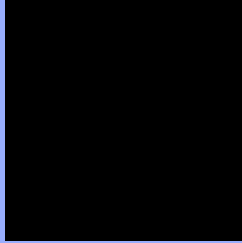
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 10006013 Background



This preview shows how black text looks on a background with the Decimal color 10006013.



This preview shows how white text looks on a background with the Decimal color 10006013.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
10006013

**Protanopia**  
9874941

**Deuteranopia**  
9613053



**Tritanopia**  
9091270

# Trichromacy



**Original Color**  
10006013

**Protanomaly**  
9940477

**Deuteranomaly**  
9744125

**Tritanomaly**  
9417946

# Monochromacy



**Original Color**  
10006013

**Achromatopsia**  
11579568

**Achromatomaly**  
10989516

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10006013 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #98ADFD looks like.

```
.text, #text, p{  
  color:#98ADFD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #98ADFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98ADFD
}
```

## Border

The CSS property to change the border of an element to Decimal 10006013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98ADFD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#98ADFD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #98ADFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98ADFD; -webkit-box-shadow:4px 4px  
4px 4px #98ADFD; box-shadow:4px 4px 4px  
4px #98ADFD }
```

# Background

The CSS property to change the background color of an element to Decimal 10006013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98ADFD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#98ADFD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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